

What is claimed is:

1. A wind power generator for vehicles which have a pneumatic power source, comprising:

an air vane set having blades to receive the kinetic force of the pneumatic power source to generate rotation thereof;

a generator device coupling with the air vane set to rotate for generating inductive current; and

a rectifier electrically connecting the generator device for stabilizing the voltage of the inductive current and rectifying the inductive current for output.

10 2. The wind power generator for vehicles of claim 1, wherein the pneumatic power source is an outlet of an air conditioner.

15 3. The wind power generator for vehicles of claim 1, wherein the pneumatic power source is an outlet of a radiator.

4. The wind power generator for vehicles of claim 1, wherein the pneumatic power source is air flow generated when the vehicles are moving.

15 5. The wind power generator for vehicles of claim 1, wherein the generator device includes a stator and a rotor, the rotor rotating and cutting through magnetic force lines of the stator to generate inductive current through magnetic induction.

20 6. The wind power generator for vehicles of claim 5, wherein the air vane set has a spindle coupled with the stator of the generator device and driven the stator rotating to generate inductive current in the generator device.

7. The wind power generator for vehicles of claim 1, wherein the generator device is an AC and DC generator device.

25 8. The wind power generator for vehicles of claim 7, wherein the generator device is mounted to a support object by means of a spring clip.

9. The wind power generator for vehicles of claim 1, wherein the air vane set includes a plurality of symmetrical blades, each blade having a selected installation angle and a surface curvature to allow air flow to pass over and generate blade rotation about the center of the air vane set.

30 10. The wind power generator for vehicles of claim 1, wherein the air vane set has NACA blade cross section profiles to increase rotation speed of the air vane set and reduce noise.

11. The wind power generator for vehicles of claim 1, wherein the air vane set is selectively an axial flow type or a cross flow type.

12. The wind power generator for vehicles of claim 1, wherein the air vane set has a periphery surrounding by a protective frame to prevent people or external objects from touching the rotating blades.

5 13. The wind power generator for vehicles of claim 11, wherein the protective frame has a plurality of anchor apparatus for fastening the air vane set to receive the kinetic force of the pneumatic power source.

14. The wind power generator for vehicles of claim 1, wherein the rectifier and the generator device are separated and electrically connected through an electric wire.

10 15. The wind power generator for vehicles of claim 1, wherein the rectifier includes a control box which has a modulating device for adjusting output electricity to meet electric requirements of car use electric devices under selected conditions.

15 16. The wind power generator for vehicles of claim 15, wherein the control box has a plurality of mounting elements for fastening to users' end to facilitate users operation of the control box for control output electricity.

17. The wind power generator for vehicles of claim 16, wherein the mounting elements are selectively double-side adhesive tapes or Velcro strips adhering to a back side of the control box.

20 18. The wind power generator for vehicles of claim 1, wherein the rectifier further includes an electricity storage device for storing the rectified electric current.

19. The wind power generator for vehicles of claim 18, wherein the electricity storage device has a socket for providing output electricity to car use electric devices.